



## Las Vegas Fire & Rescue Fire Prevention Division Information Sheet



Effective Date: July 1, 2014

CLV Ordinance #6325

*The items listed are basic information only. Codes are subject to change. Additional requirements may apply.*

# Commercial Kitchen Fire Protection / Ventilation functionality

This information sheet has been created to clarify items related to the functionality of installed Fire Protection systems and associated Ventilation.

Cook Line Status	Exhaust Hood Fan	Makeup Air Fan	Power To Appliances <sup>3</sup>	Under Hood Lights	Gas Valve configuration	Fire Alarm <sup>2</sup>	Kitchen Extinguishing System
Idle-No Cooking	Off	Off	On	On/Off	Open	Normal	Normal
Normal Cooking State	On	On	On	On	Open	Normal	Normal
System Activation Exhaust Fan On	On	On If Required	Off	On/Off	Closed	Alarm If Connected	Activated
system Activation – Exhaust Fan Off <sup>1</sup>	On	On If Required	Off	On/Off	Closed	Alarm If Connected	Activated
Manual Activation System On/Off	On	On If Required	Off	On/Off	Closed	Alarm If Connected	Activated

<sup>1</sup> NFPA 96 8.2.3 Exhaust Fan Operation.

8.2.3.1 A hood exhaust fan(s) shall continue to operate after the extinguishing system has been activated unless fan shutdown is required by a listed component of the ventilation system or by the design of the extinguishing system. (This sections intent is to assure that the exhaust fan is operating or made to operate no matter what the switch condition is of the fan).

<sup>2</sup> Connection to Fire alarm and detection connected per IFC 2012 Section 904.3.5

<sup>3</sup> Appliances located under the hood shall be connected to shunt upon activation of the fire extinguishing system.

**Las Vegas Fire & Rescue**  
**Fire Prevention Division**  
**(702)229-0366**  
[www.lasvegasnevada.gov/LawsCodes/fire\\_code.asp](http://www.lasvegasnevada.gov/LawsCodes/fire_code.asp)